RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10581703

Source: IFWP

Date Processed by STIC: 6/14/06

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IFWP

RAW SEQUENCE LISTING   DATE: 06/14/2006
PATENT APPLICATION: US/10/581,703   TIME: 10:13:35

     Input Set : A:\pto.da.txt
     Output Set: N:\CRF4\06142006\J581703.raw

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   3 <110> APPLICANT: Icon Genetics AG
   4       Muhlbauer, Stefan
   6 <120> TITLE OF INVENTION: Controlling Gene Expression in Plastids
   8 <130> FILE REFERENCE: PCT-13034
C-->10 <140> CURRENT APPLICATION NUMBER: US/10/581,703
C-->11 <141> CURRENT FILING DATE: 2006-06-02
  13 <150> PRIOR APPLICATION NUMBER: PCT/EP03/13656
  14 <151> PRIOR FILING DATE: 2003-12-03
  16 <160> NUMBER OF SEQ ID NOS: 21
  18 <170> SOFTWARE: PatentIn version 3.1
  20 <210> SEQ ID NO: 1
  21 <211> LENGTH: 29
  22 <212> TYPE: DNA
  23 <213> ORGANISM: Artificial Sequence
  25 <220> FEATURE:
  26 <223> OTHER INFORMATION: PCR primer
  28 <400> SEQUENCE: 1
  29 gaccatggaa ccagtaacgt tatacgatg                            29
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  33 <211> LENGTH: 26
  34 <212> TYPE: DNA
  35 <213> ORGANISM: Artificial Sequence
  37 <220> FEATURE:
  38 <223> OTHER INFORMATION: PCR primer
  40 <400> SEQUENCE: 2
  41 cactgcagtc actgcccgct ttccag                               26
  44 <210> SEQ ID NO: 3
  45 <211> LENGTH: 40
  46 <212> TYPE: DNA
  47 <213> ORGANISM: Artificial Sequence
  49 <220> FEATURE:
  50 <223> OTHER INFORMATION: PCR primer
  52 <400> SEQUENCE: 3
  53 acgattgtga gcggataaca atatatttct gggagcgaac                40
  56 <210> SEQ ID NO: 4
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  58 <212> TYPE: DNA
  59 <213> ORGANISM: Artificial Sequence
  61 <220> FEATURE:
  62 <223> OTHER INFORMATION: PCR primer
  64 <400> SEQUENCE: 4
  65 caatcccacg agcctcttat c                                    21
  68 <210> SEQ ID NO: 5
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70 <212> TYPE: DNA
71 <213> ORGANISM: Artificial Sequence
73 <220> FEATURE:
74 <223> OTHER INFORMATION: PCR primer
76 <400> SEQUENCE: 5
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81 <211> LENGTH: 32
82 <212> TYPE: DNA
83 <213> ORGANISM: Artificial Sequence
85 <220> FEATURE:
86 <223> OTHER INFORMATION: PCR primer
88 <400> SEQUENCE: 6
89 cactgcagtt aagacccact ttcacattta ag                               32
92 <210> SEQ ID NO: 7
93 <211> LENGTH: 40
94 <212> TYPE: DNA
95 <213> ORGANISM: Artificial Sequence
97 <220> FEATURE:
98 <223> OTHER INFORMATION: PCR primer
100 <400> SEQUENCE: 7
101 acgtccctat cagtgataga gtatatttct gggagcgaac                       40
104 <210> SEQ ID NO: 8
105 <211> LENGTH: 21
106 <212> TYPE: DNA
107 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
110 <223> OTHER INFORMATION: PCR primer
112 <400> SEQUENCE: 8
113 caatcccacg agcctcttat c                                           21
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117 <211> LENGTH: 36
118 <212> TYPE: DNA
119 <213> ORGANISM: Artificial Sequence
121 <220> FEATURE:
122 <223> OTHER INFORMATION: riboswitch
124 <400> SEQUENCE: 9
125 agatgatacc agccgaaagg cccttggcag ctctcg                           36
128 <210> SEQ ID NO: 10
129 <211> LENGTH: 78
130 <212> TYPE: DNA
131 <213> ORGANISM: Artificial Sequence
133 <220> FEATURE:
134 <223> OTHER INFORMATION: PCR primer
136 <400> SEQUENCE: 10
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139 tgagtaaagg agaagaac                                               78
142 <210> SEQ ID NO: 11
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145 <213> ORGANISM: Artificial Sequence
147 <220> FEATURE:
148 <223> OTHER INFORMATION: PCR primer
150 <400> SEQUENCE: 11
151 tatgagctct tatttgtata gttcatccat gcc                                33
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155 <211> LENGTH: 89
156 <212> TYPE: DNA
157 <213> ORGANISM: Artificial Sequence
159 <220> FEATURE:
160 <223> OTHER INFORMATION: cloning oligo
162 <400> SEQUENCE: 12
163 tttcggccgc cgtcgttcaa tgagaatgga taagaggctc gtgggattga cgattgtgag   60
165 cggataacaa tatatttctg ggagcgaac                                     89
168 <210> SEQ ID NO: 13
169 <211> LENGTH: 110
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171 <213> ORGANISM: Artificial Sequence
173 <220> FEATURE:
174 <223> OTHER INFORMATION: cloning oligo
176 <400> SEQUENCE: 13
177 tttcggccgt ctagagatat atggtagtag taagttaatt ttcattaacc accactacca   60
179 atcacctcct ggatttgggt cgcccggagt tcgctcccag aaatatattg             110
182 <210> SEQ ID NO: 14
183 <211> LENGTH: 113
184 <212> TYPE: DNA
185 <213> ORGANISM: Artificial Sequence
187 <220> FEATURE:
188 <223> OTHER INFORMATION: cloning oligo
190 <400> SEQUENCE: 14
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198 <212> TYPE: DNA
199 <213> ORGANISM: Artificial Sequence
201 <220> FEATURE:
202 <223> OTHER INFORMATION: cloning oligo
204 <400> SEQUENCE: 15
205 tttcggccgc cgtcgttcaa tgagaatgga taagaggctc gtgggattga cgattgtgag   60
207 cggataacaa tatatttctg ggagcgaacg gagatataca tatggctagc atttcc      116
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211 <211> LENGTH: 11
212 <212> TYPE: PRT
213 <213> ORGANISM: Artificial Sequence
215 <220> FEATURE:
216 <223> OTHER INFORMATION: membrane translocation sequence
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Input Set : **A:\pto.da.txt**
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218 <400> SEQUENCE: 16
220 Arg Arg Arg Arg Arg Arg Arg Arg Arg Arg Arg
221 1               5                   10
224 <210> SEQ ID NO: 17
225 <211> LENGTH: 27
226 <212> TYPE: PRT
227 <213> ORGANISM: Artificial Sequence
229 <220> FEATURE:
230 <223> OTHER INFORMATION: membrane translocation sequence
232 <400> SEQUENCE: 17
234 Gly Trp Thr Leu Asn Ser Ala Gly Tyr Leu Leu Gly Lys Ile Asn Leu
235 1               5                   10                  15
238 Lys Ala Leu Ala Ala Leu Ala Lys Lys Ile Leu
239             20                  25
242 <210> SEQ ID NO: 18
243 <211> LENGTH: 9
244 <212> TYPE: PRT
245 <213> ORGANISM: Artificial Sequence
247 <220> FEATURE:
248 <223> OTHER INFORMATION: membrane translocation sequence
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252 Arg Lys Lys Arg Arg Gln Arg Arg Arg
253 1               5
256 <210> SEQ ID NO: 19
257 <211> LENGTH: 16
258 <212> TYPE: PRT
259 <213> ORGANISM: Artificial Sequence
261 <220> FEATURE:
262 <223> OTHER INFORMATION: membrane translocation sequence
264 <400> SEQUENCE: 19
266 Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
267 1               5                   10                  15
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271 <211> LENGTH: 16
272 <212> TYPE: PRT
273 <213> ORGANISM: Artificial Sequence
275 <220> FEATURE:
276 <223> OTHER INFORMATION: membrane translocation sequence
278 <400> SEQUENCE: 20
280 Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Pro
281 1               5                   10                  15
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285 <211> LENGTH: 21
286 <212> TYPE: PRT
287 <213> ORGANISM: Artificial Sequence
289 <220> FEATURE:
290 <223> OTHER INFORMATION: membrane translocation sequence
292 <400> SEQUENCE: 21
294 Lys Glu Thr Trp Trp Glu Thr Trp Trp Thr Glu Trp Ser Gln Pro Lys
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Input Set : **A:\pto.da.txt**
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```
295 1                  5                10                 15
298 Lys Lys Arg Lys Val
299            20
```

VERIFICATION SUMMARY
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L:10 M:270 C: Current Application Number differs, Replaced Current Application Number
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date